

ABSTRACT

5 A sword (3: Fig. 2) which is intermittently irradiated infrared light by infrared emitting diodes (7: Fig. 2) is photograph by an imaging unit (5: Fig. 2), and thereby motion of the sword is detected. The sword locus object (117: Fig. 14) representing a movement locus of the sword is displayed on a television monitor (90: Fig. 1) in response to detection of swing of the sword as a trigger.